

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10553865"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:46
L2	1191	429/217.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:47
L3	1219	252/182.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:47
L4	668	526/87.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:48
L5	1074	429/209.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:50
L6	2035	429/231.95.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 21:50
S1	15359	lithium near ion near battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 21:14

S2	99	S1 and copolymer same (acrylonitrile or methacrylonitrile or methylmethacrylate) and ((acrylic near acid) or (methacrylic near acid) or (fumaric near acid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 21:15
S3	37	S1 and binder same copolymer same (acrylonitrile or methacrylonitrile or methylmethacrylate) and ((acrylic near acid) or (methacrylic near acid) or (fumaric near acid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 21:16
S4	15359	lithium near ion near battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 23:45
S5	0	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or methylmethacrylate) and ((acrylic near acid) or (methacrylic near acid) or (fumaric near acid)) same (weight near percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 23:45
S6	0	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or methylmethacrylate) and ((acrylic near acid) or (methacrylic near acid) or (fumaric near acid)) same (wt %)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 23:45
S7	0	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or methylmethacrylate) and ((acrylic near acid) or (methacrylic near acid) or (fumaric near acid)) same (wt % or weight%)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 23:46
S8	1	"10553865"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/01 23:47

S9	173	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene)</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:04</p>
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S10	0	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt% or weight%)</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:05</p>
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S11	0	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt%)</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:05</p>
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S12	0	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same ("wt%")</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:05</p>
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S13	41	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt or weight)</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:06</p>
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S14	36	S13 and "LiPF.sub.6"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:19
S15	12	S13 and ("LiPF.sub.6" same (ethylene near carbonate) same (diethyl near carbonate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:20
S16	13	S13 and ("LiPF.sub.6" same ((ethylene near carbonate) or EC) same ((diethyl near carbonate) or DEC))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:30
S17	27	S13 and ("LiPF.sub.6" and ((ethylene near carbonate) or EC) same ((diethyl near carbonate) or DEC))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:31
S18	14	S17 not S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:31
S19	42	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:33



		same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt or weight or percent)				
S20	1	S19 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:34
S21	44	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:34

		(isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt or weight or percent or mass)				
S22	2	S21 not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:34

S23	46	<p>S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (wt or weight or percent or mass or ratio)</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2008/02/02 00:35</p>
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S24	2	S23 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:35
S25	6	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t- butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n- butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n- butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3- butadiene or 2-methyl-1,3-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:36

		butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) and (swelling near degree)				
S26	167	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:37

		butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) and (weight or wt)				
S27	41	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:38

		2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-butene) same (weight or wt)				
S28	7	S4 and binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:38

		or 1,3-pentadiene or ethylene or propylene or 1-butene) with (weight or wt)				
S29	6342	<p>binder same copolymer same (acrylonitrile or methacrylonitrile or styrene or ".alpha.-methylstyrene" or ".beta.-methylstyrene" or p-t-butylstyrene or chlorostyrene or (methyl near acrylate) or (ethyl near acrylate) or (propyl near acrylate) or (isopropyl acrylate) or (n-butyl near acrylate) or (isobutyl near acrylate) or (methyl near methacrylate) or (ethyl near methacrylate) or (propyl near methacrylate) or (isopropyl near methacrylate) or (n-butyl near methacrylate) or (isobutyl near methacrylate) or (methyl near crotonate) or (ethyl near crotonate) or (propyl near crotonate) or (butyl near crotonate) or (isobutyl near crotonate)) same ((2-ethylhexyl near acrylate) or (isooctyl near acrylate) or (isodecyl near acrylate) or (lauryl near acrylate) or (stearyl near acrylate) or (tridecyl near acrylate) or (2-ethylhexyl near methacrylate) or (isooctyl near methacrylate) or (isodecyl near methacrylate) or (lauryl near methacrylate) or (tridecyl near methacrylate) or (stearyl near methacrylate) or (2-ethylhexyl near crotonate) or (acrylic near acid) or (methacrylic near acid) or (crotonic near acid) or (isocrotonic near acid) or (maleic near acid) or (fumaric near acid) or (citraconic near acid) or (mesaconic near acid) or (glutaconic near acid) or (itaconic near acid) or 1,3-butadiene or 2-methyl-1,3-butadiene or (isoprene) or 2,3-dimethyl-1,3-butadiene or 1,3-pentadiene or ethylene or propylene or 1-</p>	<p>US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	2008/02/02 00:40



		butene) same (weight or wt)				
S30	27	S29 and ("LiPF.sub.6" same (ethylene near carbonate) same (diethyl near carbonate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 00:41
S31	2459	(nakayama same akira.in.) or (suzuki same takao.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/03 17:28
S32	18	S31 and lithium near ion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/03 17:28
S33	0	"10885606"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 17:49
S34	2	"20050042489"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 17:51
S35	1	S34 and stretched	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 17:52
S36	3	"2002338721"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 17:54
S37	2	"9212964"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 17:55

S38	27	(swelling near degree) same (binder) same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/19 20:57
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